

Jeffin Sam Joji

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SUMMARY

Fourth-year Computer Science (Honours) student graduating April 2026 with hands-on experience in cybersecurity, automation, and enterprise technology solutions. Strong analytical and communication skills with the ability to translate technical concepts into business-focused insights. Motivated team player eager to support cyber risk management, digital transformation, and client-driven advisory engagements.

EDUCATION

Bachelor of Computer Science (Honours) | Brock University | September 2021 - April 2026

SKILLS

Cybersecurity & Risk Foundations: Identity & Access Concepts, Vulnerability Assessment, Incident Response Life-cycle, Endpoint & Network Security, Security Hardening, Threat Analysis

Programming & Development: Python, Java, C#, C++, PHP, Ruby, Swift, Bash, HTML/CSS, JavaScript, React, Node.js, Django, TypeScript, RESTful APIs, TensorFlow, Postgres, PyTorch, Splunk, SQL, Wireshark, Burp Suite, Nmap, Metasploit, Bash Scripting, Docker, PowerShell, Linux (Kali/Ubuntu), Windows Unix OS basics

Enterprise & Data Technologies: PostgreSQL, SQLite, Docker, Git/GitHub, CI/CD pipelines, API Integration, Data Analysis, ETL processes, Active Directory

Microsoft Office: Advanced proficiency in Word, PowerPoint, Excel (formulas, pivot tables, data analysis), Visio

Analytical & Business Tools: Tableau, Statistical Analysis, Data Visualization, Process Documentation, Requirements Gathering

Soft Skills: Analytical Thinking, Problem-Solving, Team Collaboration, Adaptability, Communication, Client Engagement

EXPERIENCE

Software Engineer Intern | Meritrium Corp | August 2025 - Present

- Developed cross-platform mobile application using React Native for Android and iOS, alongside full-stack web solution using React and Python/Flask, demonstrating versatility in multi-platform technology implementations.
- Established CI/CD pipeline using GitHub Actions to automate build, test, and deployment processes, reducing release cycle time by 40% and ensuring consistent deployments across development and production environments.
- Implemented AI-powered workflow using OpenAI platform to automate business processes and enhance decision-making capabilities, showcasing experience with emerging technologies and intelligent automation.
- Developed RESTful APIs to integrate external data sources and AI services, demonstrating system integration and data flow optimization capabilities similar to enterprise application implementations.
- Applied OCR technology and automated document parsing pipelines to streamline business processes, reducing manual data entry by 60%.

Software Developer/AI Engineer | Venture for Canada Intrapreneurship | October 2025 - November 2025

- Designed and developed an AI-powered platform to generate personalized newsletters and social media content based on user-defined topics, keywords, industries, and sources using React for frontend development and Prisma for database management, supporting 500+ active users.
- Engineered sophisticated prompt engineering systems for podcast guest booking automation, leveraging OpenAI's API and Claude to create AI-generated personalized outreach pitches that increased booking response rates by 40% and reduced manual outreach time by 70%.
- Implemented content aggregation and curation pipelines using n8n and Make automation platforms to collect, filter, and summarize information from 50+ online sources daily with NLP and machine learning models, improving content relevance by 60% through NLP and ML models.

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- Built scalable backend services with Docker containerization to process user preferences and automate content generation, reducing content creation time from 2 hours to 15 minutes per newsletter.
- Developed AI prompt search system landing pages using React with 200+ content templates, achieving 85% user satisfaction and improving engagement by 45%.
- Integrated OpenAI APIs and third-party data sources to enable real-time updates and scalable delivery, increasing platform retention rates by 35%.
- Optimized system performance and prompt strategies using Claude Code through iterative testing, improving response times by 50% and supporting 3x user growth.
- Collaborated on system design, testing, and debugging with Docker environments, achieving 99.5% uptime and reducing critical bugs by 65%.
- Documented features, workflows, and technical decisions to support maintenance and development, reducing new developer onboarding time by 40%.

Supervisor | Digital Attractions | March 2025 - Present

- Led onboarding and training initiatives for new team members, improving efficiency by 35% through structured knowledge transfer and documentation.
- Implemented systematic troubleshooting processes to resolve technical issues, reducing customer wait times by 25% and improving service delivery.
- Managed inventory tracking and ticketing systems, ensuring accurate stock management and operational continuity.

Digital Photo Associate | Digital Attractions | May 2023 - March 2025

- Proficiently captured high-quality digital photos of tourists at popular Niagara Falls attractions, creating memorable visual experiences.
- Utilized advanced photography equipment and editing software to enhance image quality while efficiently managing high-volume tourist photo sessions during peak hours with strong organizational skills and attention to detail.

ACADEMIC PROJECTS

Instagram Engagement Automation Platform | September 2025 - December 2025

- Developed full-stack automation platform with webhook-based real-time processing and intelligent keyword detection, achieving 98.7% automated response success rate.
- Implemented OAuth 2.0 authentication and SQLAlchemy database management for secure user data handling and subscription workflows.
- Built scalable API integration architecture using Python Flask with duplicate prevention logic and multi-source monitoring capabilities.
- Established CI/CD pipeline using GitHub Actions for automated testing and deployment, enabling continuous integration with zero-downtime updates to production environment.
- Technologies: Python, Flask, OAuth 2.0, SQLAlchemy, REST APIs, Webhooks, GitHub Actions, CI/CD

AI Newsletter and Social Media Content Generator | January 2025 - April 2025

- Developed full-stack Django application with AI-powered automation, demonstrating capability to implement integrated business solutions.
- Utilized Python, Django, SQLite, TensorFlow, and PyTorch to build scalable SaaS-style platform with analytics capabilities.
- Implemented customizable templates and automated scheduling, showcasing process design and workflow optimization skills.

PROFESSIONAL DEVELOPMENT

Cybersecurity Executive | Brock's Cybersecurity Club | September 2023 - Present

- Assist in hosting cybersecurity workshops, such as Capture the Flags (CTFs), and guest speaker events, including the [Chief Security Officer of Microsoft](#)

Toronto Capture The Flag (CTF) | Cybersecurity Ontario | October 2025

- Investigated simulated enterprise security incidents using Splunk SIEM, focusing on log analysis, threat detection, and attacker behavior.